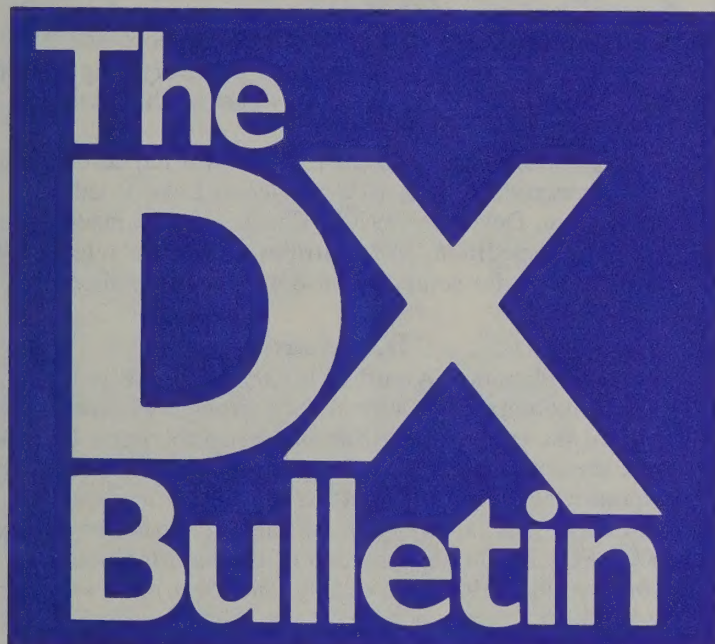


South Sandwich Islands - VP8 The VP8SSI operation is now set for March 14-April 28, including a two-week stay on Thule Island (AN-009). The eight-member team will field four complete HF stations simultaneously, on 160-6 meters, SSB, CW, and RTTY. Martti Laine OH2BH has joined the team; Vince Thompson K5VT will **not** be going. Other operators are Mas JE3MAS, Tony WA4JQS, Ralph K0IR, John W7KNT, Al WA3YVN, Terry W6MKB, and David KJ9I. They will operate 6 meters, 2-meter EME, and the satellites as conditions permit. QSL SSB contacts to AA6BB/7, and CW and RTTY contacts to KA6V/7. Sunrise 0820-0850Z, sunset 2045-2000Z.

Maldives - 8Q Andreas Söchting DK6AS will be active as 8Q7XX Jan. 20-27, on all bands, CW only. Try 5 or 25 kHz up. QSL to Box 952, D-3180 Wolfsburg 1, Germany, or via DJ8MT.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Belau - KC6 Members of the Oklahoma DX Association (OKDXA) will operate from Palau (OC-009) March 1-15, including a multi-single effort in the ARRL SSB test March 7-8. Operators are Dave N5CG, Jim WV5S, Craig WE5I, John NJ1V, George AD1S, and Charlie W0RRY. CW, SSB, and RTTY, including 6 meters, and 432 MHz EME (skeds accepted). QSL to OKDXA, Box 88, Wellston OK 74881.

Grenada - J3 Vince K1RM will operate the ARRL CW test Feb. 15-16 from J37AE's QTH, perhaps with a special contest call such as J37A. QSL direct to K1RM, and **not** via the J3 bureau.

Shortly Noted

- **S21A** and **S21B** await a anticipated drop in import duties (from 100%) to pick up their gear from Bangladesh Customs. They may be on as early as mid-January. Eric WZ6C may beat them on the air, as his equipment is already ready, and his **S21?** license may be approved at any time now. Eric's CW students took their test Jan. 4.
- **9K2WR** is the Kuwaiti call of Don Nutt KJ6TC, until July. He plans to operate 80-10 meters, including the new bands, on CW, SSB, RTTY, and AMTOR. QSL via his wife Amy N6UXB, 5005 Willow Rock Way, Sacramento CA 95841. (Same address for **KJ6TC/9K2** QSLs.)
- **V2/WJ2O** will be active Feb. 10-19 from Antigua (NA-100), on 160-10 meters, mostly CW. he'll be active in the ARRL CW test Feb. 15-16. QSL home call.
- **TL8MB** has been re-issued to Margaret Bendt, wife of Dave TL8IM. She'll be on SSB and RTTY until next year. QSL to Howard Barbrey KB9XN, 306 Greenfield Cir., Geneva IL 60134, and **not** via old TL8MB routes.
- **4G2VOA** will be active from the Philippines during February, celebrating 50 years of Voice of America (VOA) broadcasting. QSL to John Vugteveen W7KNT, Box 64, Stevensville MT 59870.
- **9X5HG** doesn't like breakers, and will QRT if the pile-up gets unruly. Please be considerate.
- The **P30** prefix may be used in January and February by Cyprus 5B4 stations. QSL to the corresponding 5B4 station.
- **S92AA** made only about 1,000 QSOs during their last trip. They plan to try again in February or March, with two stations. (**LNDX**.)
- **Pirates:** The station signing TF3C is not legit, according to TF3SV. That call was issued ten years ago to mark the 25th anniversary of amateur radio in Iceland, but apparently never activated. **Don't** QSL TF3C. The station signing VP8FCW on CW around Christmas, claiming to be on South Georgia, is also apparently a pirate.
- **Islands On The Air:** **K5MK/C6A** will be active from Bimini Island (NA-048) Jan. 31-Feb. 2, on 80-10 meters, including the new bands. Try the IOTA frequencies of 14260, 21260, and 28460 kHz on SSB, and 30 kHz up on CW. QSL with SASE, or SAE and IRCs/US\$1 to *Callbook* address, or via the bureau.
- **SSB Net** check-ins: **14227** kHz: (11, 22Z) TT8SA A61AD TR8GL S92LB TZ6VV H5AM TJ1FN V85GA 7P8SR 9M2ZV; **14236:** (03Z) HF0POL; **14256:** (2330Z) 9N1MM VP8CFM (South Orkneys); **21313:** (18Z) 5V7DF 8R1UN 3DA0AW 5Z4BP 8R1UN VP8CFM; **28480** (13Z): JY5FA 5B4AAL 8R1UN TZ6VV; **28510** (1430Z): 7X5VRK 9X5SW OD5MM 3A2LU OX3KM 5N0ETP 7Z1AB; **28530** (14Z): 3C1EA XX9AS XQ0X.

Propagation Forecast and Historical Data

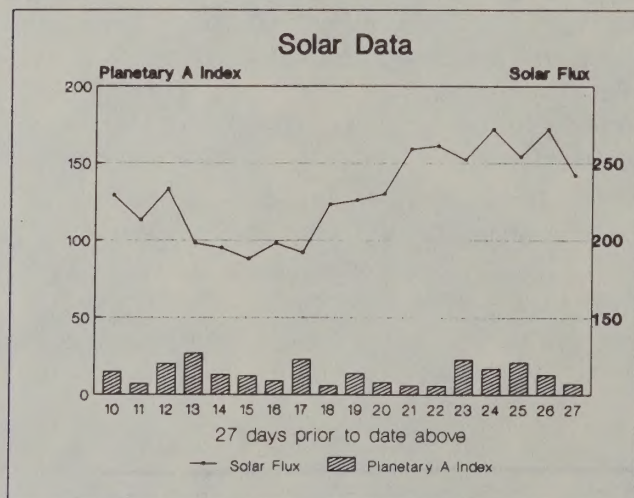
Day Forecast	27 Days Before	55 Days Before
January 1992	Date Flux A K	Date Flux A K
10 High Normal	12/14 229 15/15 3	11/16 166 23/22 3
11 Above Normal	12/15 213 04/07 0	11/17 165 16/16 3
12 High Normal	12/16 233 15/20 1	11/18 163 25/27 4
13 Low Normal	12/17 198 26/27 2	11/19 158 41/44 5
14 High Normal	12/18 195 12/13 1	11/20 153 11/16 2
15 High Normal	12/19 188 11/12 3	11/21 145 37/48 4
16 High Normal	12/20 198 07/09 2	11/22 139 33/45 3
17 Low Normal	12/21 192 13/23 2	11/23 136 18/25 2
18 Above Normal	12/22 223 06/06 1	11/24 131 14/13 3
19 High Normal	12/23 226 11/14 2	11/25 134 10/09 2
20 Above Normal	12/24 230 06/08 0	11/26 144 06/09 1
21 Above Normal	12/25 259 07/06 2	11/27 153 05/08 1
22 Above Normal	12/26 261 07/06 2	11/28 155 07/09 2
23 Low Normal	12/27 252 19/23 3	11/30 168 10/10 2
24 High Normal	12/28 272 14/17 4	12/01 172 07/08 2
25 High Normal	12/29 254 15/21 3	12/02 171 14/14 3

Propagation Watch

Solar activity remains very high, especially when you consider that the peak of Sunspot Cycle 22 was back in mid-1989. Solar flux continues to hover in the 200-250 range, keeping the 90-day average above 200. This high flux level helps keep the higher bands open during the day, sometimes with good long-haul signals.

This high level of flux has not been accompanied by large numbers of major flares. The moderate-sized (low Class M) flares have not significantly disrupted the geomagnetic field. A quiet geomagnetic field improves signal-to-noise ratios, especially on the low bands. Since the higher bands tend to close not long after local sunset (due to the short day in the northern hemisphere), DXers are spending more time on the lower bands. Persistent DXers have been rewarded with some good openings.

This good news may come to an end soon, however. Sunspot Regions 6994 and 6993, apparent spin-offs from Region 6958 last month, are active, magnetically complex, and growing. They may well produce some band-crunching flares when they are on the western side of the sun this week. Further, some coronal holes (which last longer than individual Sunspot Regions) are rotating into our direction later this week. Be on the lookout for increased flares and geomagnetic disturbances.



YA5MM Afghanistan DXpedition

A telephone call to the ARRL DX desk has confirmed that, based on the photocopy of the YA5MM license issued by the Afghan government, the ARRL has accredited the operation, conditioned upon documentation (visa rubberstamps, etc.) that the operation in fact takes place from Afghanistan.

On a related note, the phone call also confirmed that no documentation has been submitted for the OK1IAI/YA operation that has been appearing on the bands.

Equipment contributions may be falling into place. However, the most pressing need is for hard currency to pay for "protection." It appears that there is a cost associated with being left alone in Afghanistan, and there may be multiple groups inclined to do otherwise. This has been confirmed by others knowledgeable in this region's affairs. Meanwhile, the ruble has declined in value to about 100 rubles = \$1. A fairly well paid engineer in the ex-USSR is thus paid about \$10 per month, though the engineer will have plenty of rubles with which to buy goods that are not available. In short, as mentioned in a previous notice, the financial resources of the Soviet organizers simply are useless in meeting any need outside Soviet borders.

Time is running a bit short to put everything together and to arrange for the necessities to get to the Ukraine. Any help is most appreciated.

Donations may be sent to: YA5MM Expedition, c/o Bill Remington, W3XU, 1078 Shallcross Lake Road, Middletown, Delaware 19709 (Checks may be made out to "YA5MM Expedition." All contributions will be returned if the expedition for some reason does not materialize.)

DX Awards

■ **Kuwait Liberation Award:** February 25th each year, Kuwait celebrates its National Day. From 1992 onward, the name of the event will be National and Liberation Day. To mark the day, the Kuwait Amateur Radio Society (KARS) is sponsoring an award. Contacts may be on any amateur band 80-10 meters, any mode, during the period beginning 0000Z Feb. 25, through the end of the month (2400Z February 29, in 1992.) To qualify, amateurs must work (or SWLs hear) 3 points by making two contacts with KARS station 9K2RA-NL and one with any other Kuwaiti station adding the -NL suffix. Certified copy of the log, and US\$3 or 5 IRCs to KARS, Box 5240 Safat, 13053 Kuwait.

■ **Jubilee Medal:** To celebrate the 65th anniversary of the first radio contact between the USSR and the USA, this big ceramic medal is awarded to stations working 10 USSR [ex-USSR? -ed.] and 10 USA stations. At least one QSO with Oblast 065 (UB5U) and one QSO with the state of Iowa are required. A special call from Oblast 065 for this award is URQUCH. There are no band or mode restrictions. Your application, with GCR list and US\$5 or 15 IRCs, should be sent by registered mail to the award manager, UB5UCH, Box 1, Obukhov-1, 255400, Ukraine. (DX-NL.)

■ **Pitcairn Bicentennial Award:** Dr. O'Toole KB6ISL says that the Pitcairn award is regrettably delayed, due to legal and production problems, including having to get approval from the Isle of Man House of Commons. DXers are asked for continued patience. Anyone wishing a refund instead of waiting for the award may request one from KB6ISL.

B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
22	23	24	25	26	27	28
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25

RTTY

5V7DP	21089	1740	29	PA
C9RTC	14082	0100	28	CA
C9RTC	28089	1737	28	PA
CT3BX	28090	1838	1	PA
OX3EY	14085	0044	30	PA
T77T	28084	1454	1	PA
TF3EJ	14085	0025	20	CA
TU2YK	14081	2330	29	CA
XQ0X	14087	0223	30	OH
ZD9BV	21086	2050	28	PA

160 Meters

C6A/	1823	0637	22	VA
KM1E				
FG5BG	1825	0207	28	AL
TI4CF	1835	0518	29	WA

80 Meters

4U1UN	3502	2150	26	NH
5N0ETP	3503	2140	27	NH
5U7M	3508	2222	26	MA
7P8DX	3502	0317	27	MA
C30CAH	3506	2345	27	NH
FK30FU	3501	1230	27	NH
HI8A	3502	1100	25	NH
JA1CGM	3504	1125	28	NH
JA1CGM *	3504	2151	29	MA
JD1AMA	3502	1145	28	NH
KH1/	3512	1150	28	NH
W0KON				
OZ7YY	3511	0050	27	NH
SV0DV/9	3510	2520	26	NH
UD850DJ	3504	0304	25	MA
UI9ACP	3506	0201	28	MA
VK6HD *	3502	2108	29	MA
VK6LW *	3505	1210	30	IA
VQ9SS	3509	1450	22	CA
4U1UN	3791	0414	28	IL
4Z4UR	3791	0420	30	IA
5N0ETP	3795	2136	26	MA
5V7DP	3799	2348	28	MA
6Y5IC	3799	0400	27	IL

75 Meters

7P8DX	3799	2134	29	MA
9Q5TE	3799	2130	25	MA
A61AC	3796	2215	2	NY
A92BE	3799	2104	24	MA
CO5DD	3799	0730	29	IL
JR3GIY *	3796	2120	24	MA
KG4DD	3785	0530	30	IA
PY0FF	3799	2212	26	MA
UF6FAL	3796	2226	24	MA
VK6LK *	3798	2114	25	MA

40 Meters

3DA0BK	7007	0324	30	WY
4S7/ *	7006	1215	25	MA
JJ1VKL				
5B4/	7003	0430	23	MT
YU3PR	7006	2130	23	NY
5N0ETP	7004	0730	26	IA
5U7M	7009	2231	27	AL
7P8SR	7004	0215	25	IA
9V1YC *	7005	2205	29	IA
BV2TA	7005	1443	29	WY

EA9LZ	7014	2109	26	NH
EA9TY	7007	0454	25	TX
HI8A	7003	0640	25	MI
HS0ZAA *	7004	1140	27	MA
HS1CDX	7008	1340	27	IA
HZ1AB *	7004	1320	27	IA
JD1AMA	7003	1303	22	TX
JW0C	7004	0510	30	IA
PZ1BE	7004	2355	27	IA
TA1AZ	7002	0115	25	VA
TU2BC	7002	0456	29	MT
UA1ZIO	7034	0110	28	CA
UL7TAM *	7001	1206	27	MA
V63ES	7004	1305	28	NY
VK6NV *	7006	1215	30	IA
VQ9SS *	7012	1315	30	IA
YN/	7002	0345	27	IL
SM0OIG				

30 Meters

3B8CF	10106	0222	3	PA
3C1EA	10105	0555	30	PA
3DA0BK	10105	0353	31	PA
4K2MAL	10108	0320	15	WA
5N0SKO	10107	2232	1	PA
5U7M	10106	2252	1	PA
7P8SR *	10107	0150	25	CA
A35DX	10101	0430	31	WA
EA8/	10101	2224	28	VA
DK7ZB				
SV0DV/9	10107	2306	22	MI
V73AT	10111	1131	23	NH
V85KX	10104	1524	15	WA
Y88POL	10106	0048	23	OH
Y02BP	10101	0525	31	PA

20 Meter CW

4K1ADQ	14015	0118	22	IL
4K2BDL	14006	0123	22	IL
4K2OKV	14021	2221	28	MI
4S7WP	14002	1135	22	FL
4S7WP	14006	2316	28	MI
5R8GW	14010	1500	28	IL
5U7M	14025	2232	26	MN
5Z4FM	14012	1919	27	NH
7P8SR	14032	2040	20	IL
7Q7JH	14024	2251	25	MN
9J2SZ	14004	0407	3	MN
9M2FR	14014	0029	24	NY
AP/	14036	1620	28	OR
WA2WYR	14036	1646	2	CA
BV4CT	14027	1415	29	IL
C9RTC	14012	2057	27	MN
HS0AC	14026	2056	27	MN
HS1AAM	14007	1411	29	MN
HZ1AB *	14008	1314	23	MN
J28FO	14010	0520	27	IA
JT1BS	14016	0059	30	MN
JT1CS	14035	0215	22	CA
JW/UW1ZC	14004	1316	24	MN
JW0C	14019	0110	23	MN
TR8CR	14014	2019	25	MN
TU2MK	14026	2335	28	MI
UA0YA	14008	0330	31	WA
UC2WX	14018	1312	31	FL
UH8YM	14006	0402	28	VA
UL7RCZ	14020	0415	27	CA
UL8GAK	14035	0405	25	CT
V31DX	14027	0352	29	CA
VK6HQ *	14013	0040	25	CA
VQ9RB	14018	1552	26	MI

VQ9RD *	14026	1333	26	MN
VU2AC *	14028	0120	25	CA
VU2RJ *	14030	0050	25	CA
XQ6OS	14027	2359	26	NH
YA/	14038	0235	31	CA
OK1IAI				
ZA1TAJ	14007	1147	29	NH
ZA1TAJ	14024	2118	27	NH

20 Meter SSB

5U7M	14190	2057	29	VA
7Q7MC	14182	0502	27	NH
9K2HF *	14210	1328	31	MN
A41HJ	14198	1252	27	NH
A61AC	14195	2020	21	WA
FH8CB	14241	0442	27	WV
KC4AAA	14262	0500	24	CT
RZ9HG	14227	0400	30	CA
UJ8JCQ	14189	0338	26	CA
UJ9XWA	14230	0321	26	CA
VP8CFM	14225	0522	25	VA
VU2DVP *	14185	1331	25	MN
VU2JJQ *	14197	0223	30	CA
VU2JJQ *	14180	1111	27	MA
ZA1TAG	14165	1520	27	IA

17 Meter CW

3C1EA	18069	1610	28	NH
7P8SR	18076	2054	26	NH
JW/UW1ZC	18076	1403	26	AL
PY0FF	18082	2105	24	CT
VO2GUY	18069	1440	23	NH
VQ9QM	18072	1450	30	NY
ZD8LII	18068	2114	24	CT

17 Meter SSB

8R1UN	18152	0058	27	CT
KC4AAA	18140	0218	28	CT

15 Meter CW

3A2LF	21023	1400	25	IA
8R1J	21019	1410	25	VA
BY4RB	21018	0109	23	IL
CE0FFD	21009	0008	26	CA
HK0NAF	21025	2300	29	OR
JW/UW1ZC	21001	1350	23	NY
KH4/	21037	2208	22	MN
N7TNL				
OX3XR	21022	2229	22	MN
OY3QN	21054	1405	22	IL
TA3D	21011	1703	29	MT
TF3EJ	21011	0057	30	MN
ZD9OK	21022	2020	24	IA
15 MTRS				
9J2CP	21263	1801	27	MA
9J2VH	21326	1906	29	WV
D44BC	21248	1720	30	NY
OH0NJ	21285	1415	28	IA
P29DN	21260	0020	27	NH
TJ1FN	21286	2109	27	NH
TU2QW	21249	1900	28	IA
V51GB	21243	2036	25	IL
VR6BX	21441	0056	24	NY
ZD7DP	21206	1850	28	IA
ZK1CT	21256	0240	30	IA
ZK1JC	21267	0304	27	WA

12 Meters

3A2LZ	24945	1400	29	NY
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3D2QB	24896	0013	31	TX
3X0HNU	24899	1502	30	OH
5T5CJ	24904	1706	27	AL
7P8SR	24901	1530	27	NH
A35DN	24900	2313	30	TX
EA8BRW	24935	1643	28	MA
HC5AI	24891	1323	25	NH
J79DX	24896	1304	26	AL
KG4CO	24941	1939	27	MA
LY2BBL	24899	1326	30	AL
RF6FP	24902	1500	26	OH
TR8GL	24945	1400	29	NY
VR6BX	24956	1415	29	NY
YA/	24908	1340	22	NY
OK1IAI				
Z24JS	24905	1432	24	OH
ZD8LII	24894	2311	30	TX

10 Meter CW

3B9FR	28025	1432	29	MN
3X0HNU	28013	1451	21	MN
6W6JX	28030	1420	28	NY
9J2BO	28012	1413	31	MN
A35DX	28001	0138	30	MN
CE0FFD	28010	2128	24	VA
CN8ST	28018	1557	29	MN
EA9EU	28010	1635	25	VA
ES7GN	28003	1545	26	NH
FR4FY	28022	1425	1	MN
OX3XR	28030	1715	22	OR
P29DK	28020	2240	25	CA
SV9BGH	28013	1335	28	IA
T77C	28023	1411	31	MN
TU2CI	28038	1629	28	MN
VK9NL	28016	2253	25	MN
YN/	28012	1415	25	VA
SM0OIG				
Z21AR	28050	1635	28	CA
ZD8LII	28012	1733	29	MT

10 Meter SSB

3B8FG	28495	1415	26	IA
3C1EA	28530	1430	22	IL
3X1SG	28466	1820	22	CA
8R1RBF	28466	2212	23	IL
9J2BO	28481	1850	25	IA
A35DN	28485	1830	30	NY
A61AC	28446	1321	29	VA
A71AB	28466	1226	29	ME
A71CH	28466	1226	29	ME
BY4RB	28486	0008	24	IL
C53GB	28460	1310	28	NY
EA9IE	28485	1602	24	IL
FH8CB	28539	1733	24	MI
HV3SJ	28500	1410	26	IL
KG4CB	28427	1327	29	PA
KH3AF	28495	2150	27	ME
OX3KM	28495	1745	29	ME
OY9JD	28490	1709	31	FL
SV5FD	28491	1300	30	MA
T77C	28491	1619	28	MA
TA5C	28490	1420	25	VA
TT8GA	28458	1348	27	IL
TZ6VV	28553	1723	24	CA
UH8EA	28439	1317	27	ME
V85GA	28490	2327	27	IL
VP8CGQ	28483	2235	26	CA
VR6BX	28475	2314	25	MI
YN/	28451	1608	21	ME



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Fulton CA 95439

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POSTMASTER: Send address changes to above address.

Issue 620 - January 10, 1992

Current and Future DXpeditions

(Changes and hot info in boldface.)

<u>DXCC Country</u>	<u>Prefix</u>	<u>Callsign</u>	<u>Dates</u>	<u>Issue</u>
Antigua	V2/	I5JHW	to Jan. 10	I619
		/WJ2O	Feb. 10-19	I620
Baha as	C6A/KM1E		No -Jan. 15	I614
Bangladesh	S2	S21A/B	Mid-Month	I620
Belau	KC6		Mar. 1-15	I620
British Virgins	VP2V/	W2GUP	Jan.10-Mar.4	I619
	W5ZPA	KB5GL	Jan. 16-20	I615
Cay an Islands	ZF	ZF2GO	Jan. 7-14	I619
Central African Rep.	TL8MB		No -1993	I620
Clipperton	FO	FO0CI	March	I618
Gabon	TR	TR8CR	to Jan. 17	I616
Grenada	J3	J37A	ARRL CW Test	I620
Johnston Island	KH3	KH3AE	22-2400Z	I619
Ku ait	9K	9K2WR	to July	I620
Liberia	EL	EL2J	21209 1700Z	I619
		EL2W	18113 2130Z	I619
Maldives	8Q	8Q7XX	Jan. 20-27	I620
Micronesia	V6	V63JW/NW	to Jan. 22	I619
Navassa Island	KP1/	N0TG	Jan 17-23	I616
Pa istan	AP/	WA2WYR	No active	I619
Providencia	HK0/	DF4UW	Jan. 6-18	I617
Revillagigedo	XF4	XF0C	Feb. 4-19	I618
Saint Martin	FS	FJ5BL	to Jan. 13	I617
Saudi Arabia	HZ	HZ1AB	3790/3507 14Z	I618
South Sand ich	VP8	VP8SSI	Mar.-Apr.	I620
Western Kiribati	T32	T32BW	Jan. 22-Feb. 5	I619

Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: KH6BZF, SESC, AC5K, K0CVD, K0KLK, K0PP, K1HDO, K1VWL, K3ZPG, K4GLU, K4IQJ, K6LEB, K6ZH, K7EFB, K8RWL, K9UE, KA1MUY, KA6SAR, KA9MRU, KG4O, KI7Y, KK6H, KM9J, KN4FY, KQ3S, N4YKD, N6HR, NV8N, W1AM, W1BFT, W1FV, W1NH, W4JVN, W4ZYT, W5FIX, W6JOX, W6UQF, W7AWA, W8CT, W8MEP, WA0RJY, WA1NPZ, WA2MZX, WA9AQE, WB8YJF, WB8ZRL, WD9GGY, WO6R, and WS7W. Many Thanks!

Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
■ Afghanistan	YA/OK1IAI	14038	0230Z
■ Antarctica	KC4AAA	20M SSB	0500Z
■ Chagos	VQ9SS	7011	1300Z
■ Easter island	CE0FFD	28010	2130Z
■ Equatorial Guinea	3C1EA	10105	06Z Mon.
■ Fran Josef Land	4K2OVK	14025	2200Z
■ India	VU2JJQ	14190±	0230/11Z
■ Ivory Coast	TU2QW	21250	19Z Sat/Sun
■ Kenya	5Z4FM	14010	1900Z
■ Lesotho	7P8SR	20M CW	2100Z
■ Micronesia	V63ES	7004	1300Z
■ Mid ay Island	KH4AE	28320	2245Z
■ Monaco	3A2LF	21024	1400Z
■ Mongolia	JT1BS	14016	0100Z
■ Na ibia	V51GB	21243	2030Z
■ Nicaragua	YN/SM0OIG	28017±	1400Z
■ Nicaragua	YN/SM0OIG	7011	1215Z
■ Niger	5U7M	7008	2230Z
■ Nigeria	5N0ETP	3792	2130Z
■ O an	A41KJ	14196	1300Z
■ Pa istan	AP/WA2WYR	14036	1600Z
■ Senegal	6W6JX	28030	14-1700Z
■ South Shetlands	4K1ADQ	14015	0130Z
■ Sri Lan a	4S7WP	14004±	2300Z
■ Svalbard	JW0C	14015	0100Z
■ Svalbard	JW/UW1ZC	14003	13-1500Z
■ S a iland	3DA0BK	7007	0330Z
■ Tonga	A35DX	10101	0430Z
■ Vatican	HV3SJ	28495±	1400Z
■ Zaire	9Q5TE	3799	2130Z
■ Za bia	9J2BO	28020±	1400Z
■ Zone 29	VK6HD	3502	2110Z

Operating Events and DX Gatherings

<u>Dates</u>	<u>Event</u>	<u>Reference:</u>
Jan. 18-19	Hungarian CW Test	<u>QST</u>
Jan. 24-26	CQWW 160-Meter CW Test	<u>CQ</u>
Jan. 25-26	REF French Contest	<u>CW QST</u>
Feb. 15-16	ARRL CW DX test	<u>QST</u>